

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1298435

Luminaire Tested: P3AS13R60W2N902765DE010 E3DL1WMH_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298435
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60W2N902765DE010 E3DL1WMH_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 6500K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

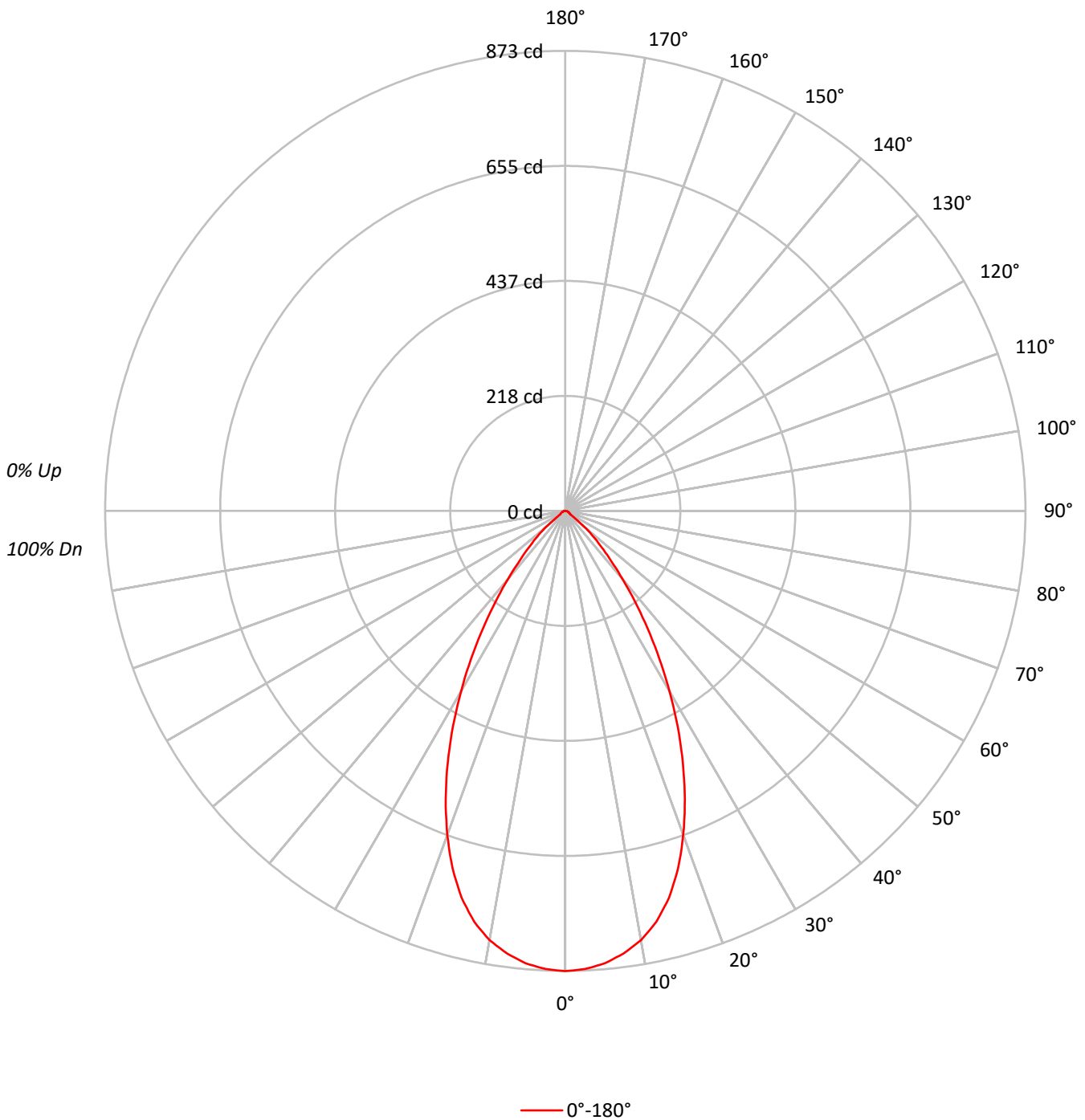
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 65.9 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1298435
CATALOG NUMBER: P3AS13R60W2N902765DE010 E3DL1WMH_6500K

Luminous Intensity Polar Plot





TEST NUMBER: P1298435
 CATALOG NUMBER: P3AS13R60W2N902765DE010 E3DL1WMH_6500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | |
| 1 | 113 | 110 | 108 | 105 | 111 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 99 | 97 | 97 | 96 | 94 | 93 | | | |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 | | | |
| 3 | 101 | 95 | 89 | 85 | 99 | 93 | 88 | 84 | 91 | 86 | 83 | 88 | 85 | 82 | 86 | 83 | 80 | 79 | | | |
| 4 | 96 | 88 | 82 | 78 | 94 | 87 | 81 | 77 | 85 | 80 | 76 | 83 | 79 | 75 | 81 | 77 | 75 | 73 | | | |
| 5 | 91 | 82 | 76 | 71 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 78 | 73 | 70 | 76 | 72 | 69 | 68 | | | |
| 6 | 86 | 77 | 70 | 66 | 84 | 76 | 70 | 66 | 74 | 69 | 65 | 73 | 68 | 65 | 72 | 68 | 64 | 63 | | | |
| 7 | 82 | 72 | 66 | 61 | 80 | 71 | 65 | 61 | 70 | 65 | 61 | 69 | 64 | 60 | 68 | 63 | 60 | 59 | | | |
| 8 | 77 | 68 | 61 | 57 | 76 | 67 | 61 | 57 | 66 | 60 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 55 | | | |
| 9 | 74 | 64 | 57 | 53 | 72 | 63 | 57 | 53 | 62 | 57 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 | | | |
| 10 | 70 | 60 | 54 | 50 | 69 | 60 | 54 | 50 | 59 | 53 | 50 | 58 | 53 | 50 | 57 | 53 | 49 | 48 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 191498 |
| 5° | 189698 |
| 10° | 184165 |
| 15° | 172532 |
| 20° | 152707 |
| 25° | 127749 |
| 30° | 100117 |
| 35° | 72625 |
| 40° | 48319 |
| 45° | 30112 |
| 50° | 16307 |
| 55° | 4702 |
| 60° | 4386 |
| 65° | 3995 |
| 70° | 3975 |
| 75° | 3897 |
| 80° | 3915 |
| 85° | 3774 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30112 cd/sqm



TEST NUMBER: P1298435

CATALOG NUMBER: P3AS13R60W2N902765DE010 E3DL1WMH_6500K

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 81.1 | 10.0 |
| 10°-20° | 210.9 | 26.0 |
| 20°-30° | 240.3 | 29.6 |
| 30°-40° | 170.4 | 21.0 |
| 40°-50° | 77.3 | 9.5 |
| 50°-60° | 16.4 | 2.0 |
| 60°-70° | 7.9 | 1.0 |
| 70°-80° | 4.9 | 0.6 |
| 80°-90° | 1.7 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 532.4 | 65.6 |
| 0°-40° | 702.8 | 86.7 |
| 0°-60° | 796.5 | 98.2 |
| 0°-90° | 811.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 811.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 873 | |
| 5° | 862 | 81 |
| 15° | 760 | 211 |
| 25° | 528 | 240 |
| 35° | 271 | 170 |
| 45° | 97 | 77 |
| 55° | 12 | 16 |
| 65° | 8 | 8 |
| 75° | 5 | 5 |
| 85° | 2 | 2 |
| 90° | 0 | |



TEST NUMBER: P1298435
CATALOG NUMBER: P3AS13R60W2N902765DE010 E3DL1WMH_6500K

CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 873.3 |
| 2.5° | 870.2 |
| 5° | 861.8 |
| 7.5° | 847.1 |
| 10° | 827.1 |
| 12.5° | 798.6 |
| 15° | 760.0 |
| 17.5° | 711.5 |
| 20° | 654.4 |
| 22.5° | 592.8 |
| 25° | 528.0 |
| 27.5° | 461.7 |
| 30° | 395.4 |
| 32.5° | 332.2 |
| 35° | 271.3 |
| 37.5° | 217.4 |
| 40° | 168.8 |
| 42.5° | 128.0 |
| 45° | 97.1 |
| 47.5° | 72.5 |
| 50° | 47.8 |
| 52.5° | 22.4 |
| 55° | 12.3 |
| 57.5° | 10.8 |
| 60° | 10.0 |
| 62.5° | 9.2 |
| 65° | 7.7 |
| 67.5° | 6.9 |
| 70° | 6.2 |
| 72.5° | 5.4 |
| 75° | 4.6 |
| 77.5° | 3.9 |
| 80° | 3.1 |
| 82.5° | 2.3 |
| 85° | 1.5 |
| 87.5° | 0.8 |
| 90° | 0.0 |

(END OF REPORT)